LMA District Cover Sheet

Spring 2011 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				
	** Non-receipt of Su	ımmer or Winter Inspe	ection Reports may effec	ct overall annual rating.
* SPRING INSPECTIONS: Overall maintenance deficiencies are rated		nined for the spring ins ria in the spring and in		ual maintenance
FALL INSPECTIONS: The overall maintena within the attached u	nce rating shown abo nit inspection reports.		on and maintenance de	ficiencies identified
Comments				

Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 01 Y	olo Bypass		Right	3.58
	Spring (March - May)	Summer (June - August)	(September - November)		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	4/20/2011 - 4/20/2011				
DWR Inspector	Herman Phillips				
Accompanied By	Mike Hardesty RD 2098				
Check one:					
project components conditions other tha	winter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no change	ges in flo	
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve le corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal
	ction below or on additional sho n (Land Side, Water Side, or C				
Comments					
information must also be	3	eet should be signed ar	d dated by the LMA Represent 31 (Winter Inspection). Pleasection Reports , Suite 200	tative an	d returned to
X Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.58	04/20/2011 04/20/2011	Herman Phillips

LMR	Levee Mile		Item	Location	Rating	Action/Comment	GPS Latitud	Issue No.		
No.	Start	End	Category	item	tion	ing	Action/Comment	Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	3 Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	U
3	1.16	1.54	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	38.312246 ° -121.693635 °	38.306707 ° -121.693591 °	1
4	1.18	1.72	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	38.311955 ° -121.693633 °	38.304084 ° -121.693621 °	2
5	5.29	5.29	Earthen Levee	Trim / Thin Trees	WS	С	Trim trees to at least five feet above ground level.	38.275745 ° -121.705738 °	38.275745 ° -121.705738 °	7

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Page 2 of 2

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.58	04/20/2011 04/20/2011	Herman Phillips

Levee Mile Report Line	1				
Start Levee Mile	0.00				
End Levee Mile	0.00				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream from landside of Unit 1 of RD 2098. Photo taken 4-20-2011					
phillips_s_20110421_263.jpg					

hba_a_a_a						
Levee Mile Report Line	2					
Start Levee Mile	0.00					
End Levee Mile	0.00					
Location	Water Side					
Category	Earthen Levee					
Item Vegetation						
Standing on waterside levee slope looking downstream of RD 2098 Unit 1. This photo was taken 4-20-2011.						
phillips_s_20110421_264.jpg						





Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles						
	Unit No. 01A Cross Levee Right 0.55										
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)						
Unit Maintenance Rating (Fall Only)											
Date of Inspection	4/20/2011 - 4/20/2011										
DWR Inspector	Herman Phillips										
Accompanied By	Mike Hardesty RD 2098										
	Mike Hardesty RD 2098										
Check one:											
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment see the comment see the components are comment see the comm	identified in the attached Leven the results of our normal maded in the enclosed report. winter (or summer) inspection production in the attached Levene corrections we have made to a flood project conditions.	ee Inspection Report by intenance and the corresponding of the correspon	e inspected the levee and asso Mile. We have found no chang ections we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in flo enance ociated fl of our no have fou	ood project ood ormal und the						
Comments											
information must also be s	submitted. This Unit Cover She sheets by September 30 (Sum all of this information to :	eet should be signed ar	, Suite 200	tative an	d returned to						
x											
Signature of LMA Repres	sentative		Date								

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.55	04/20/2011 04/20/2011	Herman Phillips

	Levee Mile Category		Item *att		Rati	Action/Comment	GPS Latitud	Issue No.		
NO.	Start	End	Category	item	tion	ng	Action/Comment	Start	End	Photo
	0.00	0.00	Earthen Levee	Vegetation	LS	Α	Control annual grass and weeds on the levee slopes and easements.	0	0	7
:	2 0.00	0.00	Earthen Levee	Vegetation	WS	Α	Control annual grass and weeds on the levee slopes and easements.	0	0	9

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.55	04/20/2011 04/20/2011	Herman Phillips

Levee Mile Report Line	1						
Start Levee Mile	0.00						
End Levee Mile	0.00						
Location	Land Side						
Category	Earthen Levee						
Item Vegetation							
Looking downstream at the cross levee Unit 1A RD 2098 Unit 1A Levee mile 0.00. Photo taken 4-20-2011.							
phillips_s_20110421_265.jpg							

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo shows the waterside of the cross levee Unit 1A of RD 2098 levee mile 0.00 looking downstream. Photo taken 4-20-2011.

phillips_s_20110421_266.jpg





Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles					
	Unit No. 02 Ca	ache Slough		Left	2.01					
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)										
Date of Inspection	4/20/2011 - 4/20/2011									
DWR Inspector	Herman Phillips									
Accompanied By	Mike Hardesty RD 2098									
	Mike Hardesty RD 2098									
Check one:										
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment seemed.	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments										
information must also be	submitted. This Unit Cover She sheets by September 30 (Sum all of this information to :	eet should be signed ar	, Suite 200	tative an	d returned to					
x										
Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	2.01	04/20/2011 04/20/2011	Herman Phillips

LMR	E Levee Mile		Cotomoni	. Itam	Loca	Rating	A abina / Carana ant	GPS Latitud	Issue No.	
No.	Start	End	Category Item		ocation	ing	Action/Comment	Start	End	Photo
1	5.29	5.29	Earthen Levee	Vegetation	LS	Α	Control annual grass and weeds on the levee slopes and easements.	38.275571 ° -121.705698 °	38.275706 ° -121.705698 °	
2	5.56	5.58	Earthen Levee	Crown Surface / Depressions / Rutting	CR	С	Regrade the crown roadway for proper drainage.	38.278757 ° -121.708568 °	38.279072 ° -121.708967 °	1
3	5.58	6.07	Earthen Levee	Vegetation	LS	С	Control annual grass and weeds on the levee slopes and easements.	38.279075 ° -121.708967 °	38.283733 ° -121.713792 °	2

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	2.01	04/20/2011 04/20/2011	Herman Phillips

Levee Mile Report Line	1						
Start Levee Mile	5.29						
End Levee Mile	5.29						
Location	Land Side						
Category	Earthen Levee						
Item	Vegetation						
Standing on landside of Unit 2 levee mile 5.29 looking downstream of the landward slope, goats are in the area eating the vegetation off the slope. Photo taken 4-20-2011.							
phillips_s_20110421_267.jpg							



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles					
	Right	1.89								
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)										
Date of Inspection	4/20/2011 - 4/20/2011									
DWR Inspector	Herman Phillips									
Accompanied By	Mike Hardesty RD 2098									
	Mike Hardesty RD 2098									
Check one:										
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment seemed.	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments										
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative an	d returned to					
x										
Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.89	04/20/2011 04/20/2011	Herman Phillips

LMR	E Levee Mile		Category	Item	Loca *	Rating	Action/Comment	GPS Latitude/Longitude		
8	Start	End	Calegory	пеш	ation *	ng	Action/Comment	Start	End	Photo
1	7.10	7.15	Earthen Levee	Cracking	LS	М	Monitor and have inspected by geotechnical engineer.	38.292980 ° -121.721892 °	38.292995 ° -121.723093 °	1
2	7.27	7.27	Earthen Levee	Vegetation	LS	Α	Control annual grass and weeds on the levee slopes and easements.	38.294171 ° -121.725037 °	38.294171 ° -121.725037 °	5 Y
3	7.70	7.74	Earthen Levee	Cracking	WS	М	Monitor and have inspected by geotechnical engineer.	38.298843 ° -121.728588 °	38.299450 ° -121.728463 °	2

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.89	04/20/2011 04/20/2011	Herman Phillips

Levee Mile Report Line	2						
<u> </u>							
Start Levee Mile	7.27						
End Levee Mile	7.27						
Location	Land Side						
Category	Earthen Levee						
Item Vegetation							
Waterside levee slope unit 3 starts here. 4-20-2011							
phillips_s_20110512_313.jpg							



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles					
	Left	2.93								
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)										
Date of Inspection	4/20/2011 - 4/20/2011									
DWR Inspector	Herman Phillips									
Accompanied By	Mike Hadesty RD 2098									
	Mike Hardesty RD 2098									
Check one:										
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment seemed.	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments										
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative an	d returned to					
x										
Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.93	04/20/2011 04/20/2011	Herman Phillips

Levee Mile	Category	Item	Rating ** Location **	Action/Comment	GPS Latitude/Longitude	Issue No.
ह Start End			on g		Start End	FIIOIO
1 9.15 9.1	5 Earthen Levee	Vegetation	WS W	Control annual grass and weeds on the levee slopes and easements.	38.316093 ° 38.316093 ° -121.740144 °	
2 9.80 12.1	1 Earthen Levee	Vegetation	WS M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There are two photos added to the inspection to show how the veg is over grown from the gate downstream to 9.82. The growth continues down stream to levee mile 13.11 just not as tall.	38.325060 ° 38.372562 ° -121.740077 ° -121.739037 °	
3 9.81 9.8	1 Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.	38.324993 ° 38.324993 ° -121.740082 °	
4 9.81 12.1	1 Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.	38.325035 ° 38.372565 ° -121.740080 ° -121.739022 °	
5 9.81 9.8	3 Earthen Levee	Vegetation	CR C	Control annual grass and weeds on the levee slopes and easements.	38.325038 ° 38.325372 ° -121.740030 °	
6 10.05 10.0	8 Earthen Levee	Vegetation	LS C	Control annual grass and weeds on the levee slopes and easements.	38.328213 ° 38.328600 ° -121.740588 ° -121.740577 °	
⁷ 10.47 10.4	8 Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.	38.334287 ° 38.334487 ° -121.740560 ° -121.740572 °	
8 10.57 10.5	8 Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.	38.335750 ° 38.335885 ° -121.740592 ° -121.740610 °	
9 10.88 10.8	8 Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.	38.340167 ° 38.340303 ° -121.740787 ° -121.740788 °	
10 10.92 10.9	9 Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.	38.340850 ° 38.341852 ° -121.740798 ° -121.740802 °	
11 10.93 10.9	4 Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.	38.340930 ° 38.341077 ° -121.740783 ° -121.740735 °	

* Location

LS: Landside

WS: Waterside

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.93	04/20/2011 04/20/2011	Herman Phillips

1				
9.15				
9.15				
Water Side				
Earthen Levee				
Vegetation				
Standing on waterside start of unit 4 looking downstream. Photo taken 4-20-2011				

phillips_s_20110512_314.jpg

Levee Mile Report Line	2
Start Levee Mile	9.80
End Levee Mile	12.11
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Standing downstream from L/M 9.83 looking back upstream from landside. As you can see beyond the fence back up stream the live in area leeps the veg. low on levee section.

phillips_s_20110228_165.jpg

Levee Mile Report Line	2		
Start Levee Mile	9.80		
End Levee Mile	12.11		
Location	Water Side		
Category	Earthen Levee		
Item Vegetation			
This shot shows veg on water side from the gate at levee mile 9.79 down stream to 9.84.			

phillips_s_20110228_166.jpg







* Location

LS: Landside

WS: Waterside

CR: Crown

** Rating

A : Acceptable

M : Minimally Acceptable U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated